

MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT and COMPANY IDENTIFICATION

PRODUCT NAMES: TRAMFLOC® 1007, 1010 to 1019

DATE ISSUED: 06/01/03

SUPERSEDES: 05/07/99

DESCRIPTION: Anionic polyacrylate dispersant in an aqueous solution.

COMPANY IDENTIFICATION:

Tramfloc, Inc.
P. O. Box 350
Tempe, AZ 85280-0350
480-491-6895

EMERGENCY TELEPHONE: 24 hours a day, 7 days a week; CHEMTREC, 800-424-9300

SECTION 2 - COMPOSITION/INFORMATION on INGREDIENTS

CAS No.	Chemical Identity	Concentration
9003-04-7	Sodium Polyacrylate	42-44%,wt.

This product is not hazardous as defined in 29CFR1910.1200.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW - Clear to pale yellow liquid with a slight odor. Avoid contact with skin eyes and clothing.

POTENTIAL HEALTH EFFECTS

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Eye contact may cause slight irritation.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: NA; EFFECTS OF OVEREXPOSURE - INHALATION: NA; EFFECTS OF OVEREXPOSURE - INGESTION: NA

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Not listed as a carcinogen by IARC, NTP, OSHA, or ACGIH; PRIMARY ROUTE OF ENTRY- Skin, Eyes.

SECTION 4 - FIRST AID MEASURES

INHALATION: Remove patient to fresh air. If symptoms persist, call a physician.

SKIN: Remove contaminated clothing and lauder before reuse. Wash effected area with soap and water for at least 15 minutes.

EYE CONTACT: Flush with water at least 15 minutes with eyelids open. Call a physician.

INGESTION: Give large quantities of water and call a physician. Never give anything by mouth to an unconscious person. Do not induce vomiting.

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SECTION 5 - FIRE-FIGHTING MEASURES

FLASHPOINT: None

FLAMMABILITY: None; AUTO FLAMMABILITY: None

EXPLOSIVE LIMITS:

LOWER: Not applicable; UPPER: Not applicable. EXPLOSION HAZARD- None known.

EXTINGUISHING MEDIA: NA. Not expected to burn. Use media appropriate for type of fire and combustibles in area.

EXTINGUISHING MEDIA WHICH MUST NOT BE USED: None.

SPECIAL EXPOSURE HAZARDS IN A FIRE: Keep containers cool by spraying with water.

SPECIAL PROTECTIVE EQUIPMENT: Firefighters should wear normal protective gear.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

ENVIRONMENTAL PRECAUTIONS: Avoid runoff into storm sewers and ditches.

METHODS FOR CLEANUP: Recycle if possible. If not, dike and absorb spill with inert materials such as clays, sand, earth, or other commercially available dry sweeping compound, and collect for disposal in accordance with federal, state, local or other applicable laws and regulations. This material is not a RCRA regulated material, however, local disposal regulations may apply. Large spills should be contained and pumped into salvage tanks. Product creates an extreme slip hazard.

SECTION 7 - HANDLING AND STORAGE

HANDLING: Keep containers closed. Avoid contact with eyes, skin and clothing. Avoid prolonged skin contact. Launder clothing before reuse.

STORAGE: Avoid high temperatures and open systems to minimize vapor release. Properly recondition containers prior to reuse.

SECTION 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION

ENGINEERING CONTROLS: Recommended ventilation is 10 air changes/hour. Eyewash and safety shower stations are recommended.

EXPOSURE GUIDELINES: No MAC values have been established.

PERSONAL PROTECTIVE EQUIPMENT: See below

RESPIRATORY PROTECTION: Use NIOSH approved respirator for organic vapor and/or mist, as required to control exposure.

HAND PROTECTION: Wear impervious gloves.

EYE PROTECTION: Wear chemical splash goggles or face mask (ANSI Z87.1 standard).

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SKIN PROTECTION: If clothing is contaminated, wash skin and launder clothing.

NOTE: Before eating, drinking or smoking, wash face and hands thoroughly with soap and water.

SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

PHYSICAL STATE, COLOR and ODOR: Clear to pale yellow liquid. Odorless or with a slight odor. pH neat ~7.25; VOC: ~1.1% with EPA Method 24.

BOILING POINT/RANGE: 194-212⁰ F; VISCOSITY: 100-400 cps; FREEZING POINT: 0⁰ F.

SPECIFIC GRAVITY: 1.30; % Volatile: ~55% as water. STORAGE: Between 40⁰ and 100⁰ F.

WATER SOLUBILITY: Soluble; SHELF LIFE: 12 months.

SECTION 10 - STABILITY and REACTIVITY

CHEMICAL STABILITY: Stable; CONDITIONS TO AVOID: None.

MATERIALS TO AVOID: Strong Oxidants.

HAZARDOUS DECOMPOSITION PRODUCTS: Vapor may be irritating or harmful.

SECTION 11 - TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: Not listed as a carcinogen by IARC, NTP, OSHA, ACGIH.

IRRITANCY: May be slightly irritating to skin and eyes on prolonged exposure.

SUBACUTE AND PROLONGED TOXICITY: Not known. SENSITIZATION: None known.

EMPIRICAL DATA ON EFFECTS ON HUMANS: Considered non-toxic in normal use.

SECTION 12 - ECOLOGICAL INFORMATION

AQUATIC TOXICITY: Product is not considered toxic to fish. LC₅₀, Rainbow Trout is 1-10 ppm.

BIODEGRADABILITY: 79-10-7 Acrylic Acid; Japanese MITI: Chemical substance id biodegradable.

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Disposal must be arranged in accordance with federal, state, and local regulations. Unadulterated material is not a RCRA regulated hazardous waste.

SECTION 14 - TRANSPORTATION INFORMATION

Non-Hazardous, Non-Regulated

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SECTION 15 - REGULATORY INFORMATION

U. S. FEDERAL REGULATIONS:

Not a DOT/IMO hazardous waste.

CERCLA-SARA Hazard Category:

No SARA Section 313 components exist in this product.

INVENTORY INFORMATION

EEC EINECS: All components of this product are included on the European Inventory of Existing Chemical Substances (EINECS) in compliance with Council Directive 67/548/EEC as amended.

US TSCA: This product is manufactured in compliance with all provisions of the Toxic Substances Control Act, 15 U.S.C.

California Proposition 65: This product does not contain any chemicals currently on the California list of Known Carcinogens and Reproductive Toxins.

CANADA DSL: Components of this product have been reported to Environment Canada in accordance with subsection 25 of the Canadian Environmental Protection Act and are included on the Domestic Substances List.

SECTION 16 - OTHER INFORMATION

HMIS RATINGS: HEALTH: 0; FLAMMABILITY: 0; REACTIVITY: 0

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